

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



Q 2 733
103A54

5



AGRICULTURAL LIBRARIES INFORMATION NOTES

National
Agricultural
Library

U.S. Department of
Agriculture
Beltsville, Md. 20705

ISSN: 0095-2699
Volume 9, Number 10

October 1983

TEACHING END-USERS TO SEARCH ONLINE BIBLIOGRAPHIC DATABASES

By
Joan Lippincott,
Head, Public
Services, Albert
R. Mann Library,
Cornell
University
Ithaca, NY 14853

At the Albert R. Mann Library at Cornell University, a commitment has been made to teach students and faculty to do their own computer searches of bibliographic databases on the new, user-friendly systems. A pilot group of 15 graduate students and faculty enrolled in a Computer Literacy Workshop were introduced to the concepts of online bibliographic searching and later individually performed their searches on BRS (Bibliographic Retrieval Service) After Dark.


The exploding market in home or office personal computers is beginning to affect the way people access information sources formerly thought to be in the library's domain. Within the recent past, four new bibliographic search systems have been developed for personal computers that should have lasting implications for the library's role in information delivery. The systems are: BRS After Dark, Knowledge Index (Dialog), Sci-Mate (ISI), and Search Helper (Information Access). As individuals begin to search bibliographic databases like AGRICOLA on their own personal computers, the library's role in providing searches may greatly diminish. If librarians see this movement as an opportunity for providing users with the background they need to do efficient, sophisticated searches, they may profit from this change rather than find themselves left behind as relics of an earlier information age.

It was decided that teaching students to do their own online information retrieval would be a valuable component of a computer literacy workshop. The 1 1/2-hour class session included a general description of online searching of bibliographic databases and highlighted such concepts as choice of vendor, choice of databases, search strategy, controlled vocabularies and keywords, Boolean operators, input, and output. The relationship of the databases to printed counterparts was explained, and the advantages and disadvantages of using the online version were explored.


The class participants were given an explanation of some of the features of five different systems: Dialog, BRS, Knowledge Index, BRS After Dark, and Sci-Mate. The comparison emphasized such factors as number of databases, hours of availability, cost (start-up and online), command or menu-driven, possibility of online ordering of documents, special features, and limitations.

The inclass demonstration of BRS After Dark occurred during hours outside the normal operation of the system. A special password was obtained from BRS to enable the demonstration to be given. Each segment of the menu-driven system was demonstrated, and then student volunteers performed several pre-constructed sample searches to illustrate various search strategy concepts.

After a re-cap of the most significant concepts described in the class, students were given guidelines for their follow-up assignment. Each participant was asked to develop a search strategy on a topic of his or her choice and to execute the search on BRS After Dark. In this pilot program, students were given by the library 1/2-hour of free time on any database(s). Students signed up for an appointment time and generally completed their searches with ease.

Future plans are to expand the number of students reached by integrating end-user searching into other library instruction sessions. A future microcomputer lab currently under development in the library will allow for walk-in, fee-based searching of online bibliographic databases by end users. 



AGRICOLA WORKSHOP HELD. The AGRICOLA Workshop held July 11-18 in the National Arboretum Branch Library was well attended. Several participants returned to the Library during the next week to perform literature searches. Other professional staff have expressed interest in participating in another AGRICOLA Workshop, especially if given in the winter when the seasonal requirements of their jobs are less demanding. 



NEW BIBLIOGRAPHIES

INTERNATIONAL SOYBEAN BIBLIOGRAPHY.
Brasilia, Empresa Brasileira de
Pesquisa Agropecuaria, 1983. 3 v. U.S.
\$175.00. Marketed and distributed by
BioSciences Information Services
(BIOSIS), 2100 Arch Street,
Philadelphia, PA 19103-1399.
Subscribers in Great Britain, Europe,
and Japan should contact their BIOSIS
Official Representative.

BIBLIOGRAPHIES AND LITERATURE OF AGRICULTURE

The following bibliographies are no
longer available from the National
Agricultural Library; please order from
National Technical Information Service
(NTIS), U.S. Department of Commerce,
5285 Port Royal Road, Springfield, VA
22151.

BLA-25: DIRECTORY OF AQUACULTURE
INFORMATION RESOURCES. PB83176388.
\$10 (paper), \$4.50 (microfiche).

BLA-26: MAJOR AQUACULTURE
ASSOCIATIONS, EDUCATION AND RESOURCES
IN THE UNITED STATES. PB83226407.
\$17.50 per paper copy. \$4.50 per
microfiche.

The following bibliographies are no
longer available from Economic
Management Service, USDA. Please order
from NTIS at address above.

BLA-7: WOOD AND ENERGY IN NEW ENGLAND:
A REVIEW AND BIBLIOGRAPHY.

BLA-14: ECONOMICS OF AGRICULTURAL PEST
CONTROL: AN ANNOTATED BIBLIOGRAPHY
1960-79.

BLA-19: INPUTS USED IN U.S. FARM
PRODUCTION, A BIBLIOGRAPHY OF SELECTED
ECONOMIC STUDIES, 1950-80.

BLA-22: GREAT PLAINS IRRIGATION,
1975-80: A LITERATURE REVIEW.
PB82-102906. Pricing code: 4 (paper)
1 (microfiche).

QUICK BIBLIOGRAPHIES

The bibliographies in this series are
primarily computerized online or batch
bibliographies emanating from searches
performed by the NAL Reference Staff in
response to customer requests. Searches
are selected for inclusion based on the
currency of a topic, interest among
clientele, relative length, and probable
value to a larger audience. Revisions or
updates will be renumbered and reannounced.
Only one copy of a title will be sent;
however, requestors may make copies. To
request a copy of a Quick Bibliography send
the title, series number, and a return
addressed label to:

Reference Section, Room 111
National Agricultural Library
Beltsville, MD 20705

NAL--Q.B.--83-40. ORGANIC FARMING AND
GARDENING, A REVISION, 1970-1983. 274
citations from AGRICOLA. Searched by Jayne
T. MacLean. August 1983.

NAL--Q.B.--83-41. REGENERATION OF SOUTHERN
PINES, 1970-1983. 171 citations from
AGRICOLA. Searched by Jayne T. MacLean
August 1983.

NAL--Q.B.--83-42. SMALL FARMS, FAMILY
PART-TIME FARMING IN THE UNITED STATES,
APRIL 1980-1983. 212 citations from
AGRICOLA. Searched by Jayne T. MacLean.
Updates Q.B. 80-11. August 1983.

NAL--Q.B.--83-43. HERBICIDES: ECOLOGICAL
EFFECTS, 1970-1971. 181 citations from
AGRICOLA. Searched by Jayne T. MacLean
August 1983.

NAL--Q.B.--83-44. COMPUTER ASSISTED
INSTRUCTION FOR AGRICULTURE, 1970 TO
PRESENT. 197 citations. Searched by
Maria Pisa. September 1983.

NAL--Q.B.--83-45. "YOU GOTTA PUT IT
SOMEWHERE:" SEWAGE SLUDGE UTILIZATION,
1980-1983. 179 citations from AGRICOLA
Searched by Jayne T. MacLean. September
1983. Revision and update of 82-13.





NEW PUBLICATIONS OF NOTE

AGROFORESTRY IN THE WEST AFRICAN SAHEL. Washington, D.C., Board on Science and Technology for International Development, National Academy of Science, 1983. 93 p. Limited number of copies available to organizations from the Board, 2101 Constitution Ave., N.W., Washington, D.C. 20418.

APHIDS ON LEAFY VEGETABLES. HOW TO CONTROL THEM. Washington, D.C., Agricultural Research Service and Extension Service, U.S. Department of Agriculture, 1983. 13 p. (Farmers Bulletin 2148.) Free. Request from Publications Distribution, Extension Service, Rm. 6007-S, USDA, 14th & Independence Ave., S.W., Washington, D.C. 20250.

***CHARACTERISTICS OF FARMER CATTLE FEEDING.** Roy N. Van Arsdall and Kenneth E. Nelson. Washington, D.C., Economic Research Service, U.S. Department of Agriculture, 1983. 41 p. (Agricultural Economic Report 503)

****DEMAND FOR CARBOHYDRATE FOODS IN COLOMBIA and VENEZUELA.** Luis R. Sanint. Washington, D.C., Economic Research Service, U.S. Department of Agriculture, 1983. 23 p. (Foreign Agricultural Economic Report 187)

****EFFECTS OF HOUSEHOLD SOCIOECONOMIC FEATURES ON DAIRY PURCHASES.** James R. Blaylock and David M. Smallwood. Washington, D.C., Economic Research Service, U.S. Department of Agriculture, 1983. 26 p. (Technical Bulletin 1686)

ENVIRONMENTAL CHANGE IN THE WEST AFRICAN SAHEL. Washington, D.C., Board on Science and Technology for International Development, National Academy of Science, 1983. 103 p.

Limited number of copies available to organizations from the Board, 2101 Constitution Ave., N.W., Washington, D.C. 20418.

*****FOOD CONSUMPTION: HOUSEHOLDS IN THE UNITED STATES, SESSIONS AND YEAR 1977-78.** Washington, D.C., Human Nutrition Information Service, Consumer Nutrition Division, 1983. 309 p. (Nationwide Food Consumption Survey 1977-78, Report No. H-6)

*****FOOD PURCHASING GUIDE FOR GROUP FEEDING.** Olive M. Batcher. Washington, D.C., Human Nutrition Information Service, 1983, 148 p. (Agriculture Handbook 284)

JAPAN SCIENCE & TECHNOLOGY OUTLOOK. Based on Kagakugijutsu Hakusho, a white paper of the Science and Technology Agency. Tokyo, Fuji Corporation, 1983. 246 p. U.S. \$65.00, including sea-mail postage (airmail orders require \$7.00 charge). Order from Fuji Corporation, Busicen Bldg., 5-29-7, Jingu-mae, Shibuya-ku, Tokyo, Japan.

MANAGING TROPICAL ANIMAL RESOURCES. Ad Hoc Panel of the Advisory Committee on Technology for International Development. Washington, D.C., National Academy of Science, 1983.

Butterfly Farming in Papua New Guinea. 36 p.

Calliandra: A Versatile Small Tree for the Humid Tropics. 60 p.

Mangium and Other Acacias of the Humid Tropics. 71 p.

Limited supply available to organizations from the Board, 2101 Constitution Ave., N.W., Washington, D.C. 20418.

RECENT ADVANCES IN ANIMAL NUTRITION-1983. W. Haresign. London, Boston, Butterworth's 1983. 242 p. \$59.95. Order from Publisher, 10 Tower Office Park, Woburn, MA 01801.

***TAIWAN, AN EXPORT MARKET PROFILE.** Washington, D.C., Economic Research Service in cooperation with Foreign Agricultural Service, 1983. 88 p. (Foreign Agricultural Economic Report 185)

U.S. FARMING IN THE EARLY 1980's;
PRODUCTION AND FINANCIAL STRUCTURE.
David H. Harrington, et al.
Washington, D.C., Economic Research
Service, U.S. Department of
Agriculture, 1983. 56 p.
(Agricultural Economic Report 504)

****VENEZUELA: A PROSPECTIVE MARKET FOR
GRAIN AND LIVESTOCK PRODUCTS.** L. Jay
Atkinson, Oswald P. Blaich.
Washington, D.C., International
Economics Division, Economic Research
Service, U.S. Department of
Agriculture, 1983. 16 p. (Foreign
Agricultural Economic Report No. 189.)
Paper \$8.50, microfiche \$4.50.

**WATER RESOURCES RESEARCH, PROBLEMS AND
POTENTIALS FOR AGRICULTURE AND RURAL
COMMUNITIES.** Ted L. Napier, Donald
Scott, K. William Easter, and Raymond
Supalla, editors. Ankeny, Iowa, Soil
Conservation Society of America, 1983.
247 p. \$6, postpaid. Order from the
Society, 7515 N.E. Ankeny Road, Ankeny,
IA 50021.

*Price information available from GPO
order desk (202) 783-3238. Order from
Superintendent of Documents, U.S.
Government Printing Office, Washington,
D.C. 20242. Microfiche copy (\$4.50)
can be purchased from National
Technical Information Service,
Identification Section, 5285 Port Royal
Road, Springfield, VA 22161.

**Paper copy \$8.50, microfiche copy
\$4.50 (prices subject to change).
Order from National Technical
Information Service, Identification
Section, 5285 Port Royal Road,
Springfield, VA 22161.

***Price information available from GPO
order desk (202) 783-3238. Order from
Superintendent of Documents, U.S.
Government Printing Office, Washington,
D.C. 20242

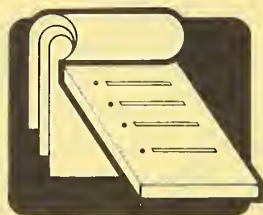


FINDING REPORTS FROM THE ECONOMIC RESEARCH SERVICE

Are you looking for a copy of a research
monograph from USDA's Economic Research
Service? ERS monographs, old and new, are
available from a variety of sources:

- ** All libraries at land-grant colleges
and 1890 institutions receive copies
of ERS publications.
- ** A number of depository libraries also
receive ERS reports.
- ** To inquire about the status or sales
availability of an ERS report, contact
the Publications Unit, EMS, Rm. 0054,
South Building, USDA, Washington, D.C.
20250. Call (202) 447-7255. ERS
reports are not generally available for
free distribution, but the Unit will
honor requests for single copies when
stocks are on hand.
- ** Many current ERS titles can be
purchased from the Government Printing
Office. Call the GPO sales desk at
(202) 783-3238.
- ** The National Technical Information
Service sells all ERS research reports,
and stocks complete series of ERS
monographs issued during the last 4 to
6 years. You can buy either microfiche
or photocopies. Call (703) 487-4600
for NTIS information and (703)
487-4780 for sales.
- ** The free "ERS Abstracts" newsletter
will keep you up to date on new ERS
reports. To start receiving it, send
your name and address to ERS Abstracts,
USDA, Room 4309-South, Washington, D.C.
20250. The July 1983 issue included a
backlist of ERS reports stocked by
NTIS. Request your copy from the EMS
Publications Unit.
- ** If your clients are in Washington, they
may make on-site use of materials at
the ERS Reference Center, Room 147, 500
12th St., S.W. Call (202) 447-4382.

ERS Continued on p. 6



NEW SERIALS RECEIVED AT NAL

ADVANCES IN SOLAR ENERGY. New York,
American Solar Energy Society. a.
Vol. 1 (1982)-

TJ810.A4

CELL AND MUSCLE MOTILITY. New York,
Plenum Press. irreg. Vol. 1 (1981)-
QH647.C42

INDEX TO INTERNATIONAL STATISTICS.
Washington, D.C., Congressional
Research Service. m. with quarterly
and annual cumulations. Vol. 1, no. 1
(Jan. 1983)-

HA154.I5

INTERNATIONAL JOURNAL FOR DEVELOPMENT
TECHNOLOGY. Beirut, Houston,
International Centre for Technical
Research. Four issues yearly. Vol. 1,
no. 1 (Mar. 1983)-

T1.I54

INTERNATIONAL JOURNAL OF SOLAR ENERGY.
Chur (Switzerland), New York, Harwood
Academic. Six no. a year. \$72.00.
Vol. 1, no. 1 (1982)-

TJ810b.I467

SAMARU JOURNAL OF AGRICULTURE RESEARCH.
Samaru, Nigeria, Institute for
Agriculture Research and Faculty of
Agriculture, Ahmadu Bello University.
irreg. Vol. 1, no. 1 (Apr. 1981)-
S542.N52A3

JOURNAL OF CEREAL SCIENCE. London, New
York, Academic Press. q. Vol. 1, no.
1 (Jan. 1983)-

TX393.J6

STATETRENDS. Sydney, Australia, State
Bank of New South Wales. q. Vol. 1,
no. 1 (Mar. 1982)-

HD2151.S7

VORTRAGE FÜR PFLANZENZUCHTUNG (Readings
on Plant Breeding). Bonn,
Saatgut-Treuhandverwaltungs. irreg.
Heft 1, (1982)-

SB123.V6

REVUE SCIENTIFIQUE AT TECHNIQUE. Paris,
Office International des Epizooties. q.
Vol. 1, no. 1 (Mar. 1983)-
SF781.R4

INDIAN FOOD INDUSTRY. Mysore, India,
Association of Food Scientists and
Technologists. q. Vol. 1, no. 1 & 2
(Jan./June 1982)-

TP368.I53

ECOLOGY (CSSR). Bratislava, Veda. q.
roic. 1, icis. 1 (1982)-
QH540.E46

TROPICAL PLANT SCIENCE RESEARCH. New
Delhi, Allied Publishers. q. Vol. 1,
no. 1 (Jan. 1983)-

QK474.5.T8

MODERN CELL BIOLOGY. New York, Alan R.
Liss. irreg. Vol. 1 (1983)-
QH573.M6

JMCI. JOURNAL OF MOLECULAR AND CELLULAR
IMMUNOLOGY. New York, Springer-Verlag.
bi-m. Vol. 1, no. 1 (1983)-

QR180 .J65



ERS continued from p. 5

** ERS reports can be searched in the
AG-ECON subfile of the AGRICOLA
database.

ERS publications are available for
consultation at the National Agricultural
Library. Although loan is restricted to
non-USDA users, photocopy or microfilm copy
may be ordered at the following rates:

Electrostatic copy, microfilm, and
microfiche: \$3.00 for the first 10 pages
or fraction thereof from a single article
or publication. \$2.00 for each additional
10 pages or fraction thereof.

Duplication of NAL-owned microfilm: \$10
per reel.

Duplication of NAL-owned microfiche: \$3.00
for the first fiche and \$0.50 for each
additional fiche.

Prices subject to change.





AGRICULTURAL TRANSLATIONS

This column is an alert to selected new receipts at NAL. They are available thru loan requests (AD-245) to USDA personnel. Paid photoduplication to non-USDA persons is available (\$3/10 pages or fraction thereof per citation) Trans. No. and citation MUST be on request. Send to:

Lending Section
National Agricultural Library
U.S. Dept. of Agriculture
Beltsville, MD 20705

Ayla, C. On the Properties of Decomposition of Lignins Isolated with Alcohol-water Mixtures, part 7: Use of Ethanol-water Lignins in the Production of Wood Glues. Translated from German: HOLZFORSCHUNG, 36. 93-98, (1982). Trans. No. 29069.

Chudnyi, A.V., et al. Composition of Turpentine Oils and Resin Productivity of Swiss Stone Pine. Translated from Russian: RASTITEL'NYE RESURSY, vol. 16: 14-25, 1980. Trans. No. 28639. TT 81-52056.

Dunky, M. The Influence of the Molar Weight Distribution of Urea-Formaldehyde Resin on the Technological Properties of Particle Boards Bonded with Such Resins. Translated from German: HOLZFORSCHUNG UND HOLZVERWERTUNG, 33 (4): 61-71, (1981). Trans. No. 29068.

Katsygin, V.V. and Corin, G.S.. Tangential Elasticity of Traction Devices of a 4x4 Tractor During Interaction with the Soil. Translated from Russian: TRAKTOR I SEL'KHOZMASHINY, no. 10: 15-17, 1980. Trans. No. 29017.


Kushnarev, A.S. A Structure of Mechanical Properties of Soil. Translated from Russian: MEKHANIZATSIYA I ELEKTRIFIKATSIYA SEL'SKOGO KHOZYAISTVA, no. 12: 46-48, 1. 1980. Trans. No. 29019.

Marutzky R and Panta L. The Properties Low-Formaldehyde UF Glue Resins and the Particle Boards Produced With Them. Translated from German: HOLZ ALS ROH WERKSTOFF, 38: 217-223, (1980). Trans. No. 29060.

Nedorezov, I. A., et al. Study of the Process of Cutting Soils Under Water with Cable Laying Blades. Translated from Russian: STROITEL'NYE I DOROZHNYE MASHINY, no. 4: 14-15, 1981. Trans. No. 29028.

Roffael, E., et al. Subsequent Treatment of Particle Boards to Reduce Their Formaldehyde Emission Potential. Translated from German: ADHESION, 26(3) 18-23 (1982). Trans. No. 29058.

Vinokurov, V. N. and Malov, A.K. Results of Study and Dynamic Wear of Plow Shares. Translated from Russian: TRAKTOR I SEL'KHOZMASHINY, no. 9: 17-21, 1980. Trans. No. 29016.

Wittmann, Otto. The Subsequent Separation of Formaldehyde from Particle Boards. Translated from German: HOLZ ALS ROH UND WERKSTOFF, 20(6): 221-14, Jun. 1982. Trans. No. 29059. 

ELECTRONIC ACCESS TO QUICK BIBLIOGRAPHIES INDEX

An item in the August issue of ALIN announced that an index to the National Agricultural Library's Quick Bibliographies is currently being offered on the "electronic mail network." The network referred to is the Cooperative Systems Information Resources Network of DIALCOM, a commercial timesharing service. This network serves Extension Service offices and Experiment Stations located on 67 land-grant university campuses throughout the country. For further access information contact Jerry Paulsen, Extension Service, 301-344-3750.



AGRICULTURE DATEBOOK

November 28–December 3: ENTOMOLOGICAL SOCIETY OF AMERICA. Renaissance Center, Detroit, MI. Contact: W. Darryl Hansen, Exec. Dir., 4603 Calvert Road, College Park, MD 20740.

December 4–7: AMERICAN SOCIETY FARM MANAGERS RURAL APPRAISERS. San Diego, CA; Convention Performing Arts Center. Contact: Carl O. Norberg, Exec. V.P., Box 6857, 360 S. Monroe, STE 460, Denver, CO 80206.

December 5–7: RANGE BEEF COW SYMPOSIUM VIII—A SYMPOSIUM ON PRODUCTION. Northeastern Junior College, Sterling, Colorado. Presented by: Agricultural Extension Services in cooperation with the Animal Sciences Departments of Colorado State University, South Dakota State University, University of Nebraska, and the University of Wyoming. Deadline for registration is November 28, 1982. Contact: W. Dennis Lamm, Department of Animal Sciences, Colorado State University, Fort Collins, CO 80523. Telephone: 303-491-6903.

December 6–8: INTERNATIONAL ONLINE INFORMATION MEETING. Cunard International Hotel, Hammersmith, London. Contact: Organizing Secretary, Online Information Meeting, Learned Information, Besselsleigh Road, Abingdon, Oxford OX136LG, England. Tel: 0865-730275. Telex: 837704 INFORM G.

February 8–10, 1984: WEED SCIENCE SOCIETY Miami, FL, Hyatt Regency. Contact: Claude J. Cruse, Exec. Sec., 309 West Clark St., Champaign, IL 61820.

May 6–11, 1984: 7TH INTER-AMERICAN MEETING OF AGRICULTURAL LIBRARIANS AND DOCUMENTALISTS–RIBDA. Brasilia, DF, Brasil. Contact: Ana Flavia Pereira Medeiros da Fonseca, Coordenadora de Operacoes e Servicos, CENAGRI, Caixa Postal: 10.2432, 70043 Brasilia, DF, Brasil or Ana Maria Paz de Erickson, Secretaria Ejecutiva, AIBDA, c/o CATIE 7170, Turrialba, Costa Rica.

May 20–24, 1984: FRONTIERS OF MEMBRANE RESEARCH IN AGRICULTURE. Ninth Annual Beltsville Symposium in Agricultural Research. Beltsville Agricultural Research Center, Beltsville, Maryland. Contact: Symposium Chairman, Meryl N. Christiansen, Building 001, Room 221, BARC–West, Beltsville, MD 20705. Tel: 301-344-3036.

May 24–26, 1984: SYMPOSIUM ON THE HISTORY OF SOIL AND WATER CONSERVATION. Columbia, MO. Contact: Douglas Helms, Historian, SCS–USDA, P. O. Box 2980, Washington, D.C. 20013.

June 18–21, 1984: BIO ENERGY 84. Gathenborg, Sweden. Contact: The Swedish Bio-Energy Association, Easingestaket 11, S-11266, Stockholm, Sweden. Tel: 46-8-565693.

September 17–21, 1984: THIRTEENTH WORLD CONGRESS ON DISEASES OF CATTLE. Durban, Republic of South Africa. Contact: Prof. R. I. Coubrough, Chairman, Scientific Programme Committee, P. O. Box 25333, Northcliff 2115, Republic of South Africa

AGRICULTURAL LIBRARIES INFORMATION NOTES provides a channel of communication to technical information specialists, librarians, extension workers, researchers, and scientists on agricultural information activities. It is published monthly by the U.S. Department of Agriculture, National Agricultural Library, Beltsville, MD 20705. Leila Moran, Editor. (Tel: 301-344-3937)